# Interactive Brokers - Held NMS Stocks and Options Order Routing Public Report

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1st Quarter, 2022

## January 2022

## S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
66.11	0.34	20.44	77.33	1.89

## Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	54.20	2.85	8.98	66.75	38.80	-61	-5.3711	-98,667	-23.4747	443,675	25.4318	-26,454	-7.4815
New York Stock Exchange (XNYS)	13.23	0.00	3.17	14.85	58.55	0		-34,713	-19.9098	180,200	18.2841	-19,629	-6.6858
IBKR ATS (IATS)	6.91	0.00	33.22	0.15	0.00	0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	5.53	0.00	1.57	6.70	1.39	0		-35,982	-27.0223	15,151	24.8711	-117	-15.3851
MIAX PEARL Equities (EPRL)	4.39	0.00	0.64	5.51	0.00	0		-8,445	-25.4667	60,598	28.3939	0	
IEX (IEXD)	1.95	0.00	6.26	0.86	0.21	0		-9,424	-6.3057	-1,182	-3.3230	-6	-6.5847
CBOE BYX Exchange (BATY)	1.61	0.00	1.82	1.60	0.29	0		-162	-0.4389	-414	-6.5847	0	0.1583
NYSE Arca (ARCX)	1.49	0.00	3.24	1.07	0.00	0		-68,132	-28.2204	5,778	23.5322	0	
MEMX LLC (MEMX)	1.41	0.00	2.56	1.14	0.00	0		-51,587	-25.3445	2,331	20.0162	0	

## Material Aspects:

Nasdag Stock Market (XNAS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

New York Stock Exchange (XNYS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients

#### IBKR ATS (IATS):

IBKR operates the IBKR ATS in accordance with SEC Regulation ATS. IBKR uses the IBKR ATS to execute IBKR client orders against each other or against one or more professional liquidity providers who quote into the IBKR ATS. Order executions on the IBKR ATS are faster, eliminate exchange fees, and may offer Price Improvement. Statistical information regarding the quality of executions for orders effected through the IBKR ATS (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: https://ibkr.com/regulatoryreports.

#### CBOE EDGX Exchange (EDGX):

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#### MIAX PEARL Equities (EPRL):

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#### IEX (IEXD):

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#### CBOE BYX Exchange (BATY):

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#### NYSE Arca (ARCX):

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#### MEMX LLC (MEMX):

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## January 2022

## Non-S&P 500 Stocks

## Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
78.68	0.25	24.78	72.24	2.73

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	33.45	1.03	9.50	41.66	36.57	-20	-2.0838	-1,043,980	-25.6214	2,653,285	22.4904	-53,820	-6.8684
NYSE Arca (ARCX)	17.38	0.00	6.42	20.60	33.34	0		-761,613	-26.2488	742,802	23.1070	-32,433	-10.5892
New York Stock Exchange (XNYS)	12.52	0.00	2.10	15.69	24.52	0		-229,633	-23.6454	720,225	17.2242	-36,296	-6.7896
CBOE EDGX Exchange (EDGX)	9.09	0.00	2.58	11.64	1.66	0		-363,378	-26.2853	151,556	19.2105	-360	-13.6672
IBKR ATS (IATS)	4.78	0.00	18.96	0.12	0.00	0		0	0.0000	0	0.0000	0	

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MIAX PEARL Equities (EPRL)	3.02	0.00	0.88	3.88	0.00	0		-76,037	-27.3550	392,532	28.8569	0	
IEX (IEXD)	2.47	0.00	7.61	0.80	0.20	0		-37,919	-6.2807	-6,694	-4.0414	-13	-5.0012
MEMX LLC (MEMX)	1.92	0.00	4.12	1.25	0.00	0		-493,336	-26.2766	26,958	19.4640	0	
HRT Execution Services LLC (HRTX)	1.70	0.00	6.84	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.58	0.00	6.36	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.56	0.00	6.30	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.55	0.00	1.82	1.51	0.26	0		5,272	1.0309	-5,125	-8.1206	-9	-13.8745

### Nasdaq Stock Market (XNAS):

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## January 2022

## **Options**

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
99.79	0.09	8.54	45.66	45.72

### Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
CBOE C2 Exchange (C2OX)	15.83	10.54	3.48	10.56	23.42	2,056	34.8550	-711,045	-41.5865	1,000,342	40.1622	743,950	28.9563
Chicago Board Options Exchange (XCBO)	15.26	8.34	8.82	19.13	12.61	-776	-34.9402	1,220,369	77.3658	-228,423	-5.3087	-1,535,666	-34.2476
NYSE Arca Options (ARCO)	14.69	34.05	5.38	20.31	10.78	544	4.8242	-578,116	-51.7894	1,405,703	54.2831	871,476	41.2961
MIAX Emerald Exchange (EMLD)	12.70	4.01	2.08	14.73	12.68	641	42.5661	-93,815	-28.5622	1,935,571	47.0610	471,853	26.7998
Cboe EDGX Options Exchange (EDGO)	10.11	0.00	5.01	6.35	14.84	0		1,292,096	137.0401	463,386	13.0179	955,486	48.9197
Nasdaq Options Market (XNDQ)	8.38	0.00	6.21	17.20	0.00	0		-803,323	-43.1692	1,235,945	48.1957	0	
Nasdaq ISE (XISX)	6.49	24.90	3.74	0.75	12.69	-813	-6.0992	-57,585	-8.5734	98,932	82.0189	551,466	35.2017
Nasdaq PHLX (XPHL)	5.87	1.65	4.26	0.61	11.44	-2	-0.2636	817,227	57.2701	5,268	3.5343	82	0.0064
Nasdaq MRX (MCRY)	3.46	0.00	36.48	0.08	0.68	0	0.0000	1,697,297	31.1649	16,011	28.1307	307,990	26.2895

## Material Aspects:

CBOE C2 Exchange (C2OX):

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Chicago Board Options Exchange (XCBO):

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NYSE Arca Options (ARCO):

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MIAX Emerald Exchange (EMLD):

#### Cboe EDGX Options Exchange (EDGO):

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#### Nasdag Options Market (XNDQ):

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#### Nasdaq ISE (XISX):

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#### Nasdaq PHLX (XPHL):

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#### Nasdaq MRX (MCRY):

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## February 2022

## S&P 500 Stocks

## Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
66.86	0.30	18.74	79.23	1.73

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	58.32	2.20	13.34	69.65	36.78	-77	-3.7585	-104,899	-26.4594	456,133	26.4460	-33,333	-8.3140
New York Stock Exchange (XNYS)	12.62	0.00	2.49	14.07	58.03	0		-27,188	-19.9256	145,833	18.1860	-20,229	-6.8932
IBKR ATS (IATS)	6.16	0.00	32.43	0.11	0.00	0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	5.29	0.00	1.48	6.28	1.99	0		-34,236	-28.2751	11,803	23.8212	-84	-12.5010
MIAX PEARL Equities (EPRL)	4.06	0.00	0.63	4.97	0.00	0		-7,933	-27.8237	57,031	28.4766	0	
IEX (IEXD)	1.63	0.00	5.76	0.67	1.22	0		-8,882	-6.5189	-1,179	-4.0604	-4	-6.9190
NYSE Arca (ARCX)	1.46	0.00	3.94	0.91	0.00	0		-74,055	-28.8056	5,540	23.8994	0	
UBS ATS (UBSA)	1.17	0.00	6.23	0.00	0.00	0		0	0.0000	0	0.0000	0	

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## February 2022

## Non-S&P 500 Stocks

### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
73.67	0.28	22.71	74.29	2.72

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	35.09	0.69	8.87	43.25	34.65	-23	-1.6401	-973,899	-26.2221	2,300,393	22.8442	-56,427	-7.4683
NYSE Arca (ARCX)	18.88	0.00	6.10	22.33	33.16	0		-695,896	-26.8141	656,735	22.4431	-31,800	-10.4748
New York Stock Exchange (XNYS)	12.15	0.00	2.32	14.68	26.55	0		-215,843	-23.9058	690,892	17.5185	-38,750	-6.6707
CBOE EDGX Exchange (EDGX)	8.89	0.00	2.55	11.13	1.41	0		-348,724	-26.8900	128,607	16.5685	-247	-13.3616
IBKR ATS (IATS)	4.61	0.00	19.90	0.12	0.00	0		0	0.0000	0	0.0000	0	
MIAX PEARL	2.52	0.00	0.92	3.11	0.00	0		-73,834	-27.4578	294,966	28.9094	0	

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Equities (EPRL)													
IEX (IEXG)	2.15	0.00	7.19	0.69	0.25	0		-35,165	-6.3251	-4,396	-3.5816	-9	-7.3658
HRT Execution Services LLC (HRTX)	1.60	0.00	7.05	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.45	0.00	6.37	0.00	0.00	0		0	0.0000	0	0.0000	0	
MEMX LLC (MEMX)	1.42	0.00	4.17	0.64	0.00	0		-415,681	-26.2910	23,704	19.4122	0	
Citadel Securities "PRO" (CDRG)	1.36	0.00	5.97	0.00	0.00	0		0	0.0000	0	0.0000	0	

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## February 2022

## **Options**

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
99.64	0.10	8.83	46.96	44.11

#### Venues

VCHUCO													
Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
NYSE Arca Options (ARCO)	19.08	31.29	5.65	29.74	10.39	2,632	20.1554	-543,461	-51.8078	2,342,507	53.4247	795,138	40.8286
Chicago Board Options Exchange (XCBO)	16.77	14.77	14.72	20.07	13.67	-572	-29.2987	1,094,027	78.7015	-270,952	-6.9301	-921,297	-28.0803
CBOE C2 Exchange (C2OX)	13.37	7.18	2.67	6.62	22.72	1,288	40.3679	-561,156	-41.9290	628,026	40.4204	722,093	29.8577
MIAX Emerald Exchange (EMLD)	11.57	3.02	1.69	12.51	12.56	520	52.3871	-84,959	-32.5062	1,608,771	51.9081	375,951	27.3081
Cboe EDGX Options Exchange (EDGO)	9.61	0.00	4.29	5.82	14.72	0		1,248,868	146.4059	411,637	13.0043	867,662	48.9054
Nasdaq ISE (XISX)	6.58	28.87	3.19	0.88	13.28	-1,610	-10.8550	-55,240	-9.6934	87,866	83.2326	515,454	35.4644
Nasdaq Options Market (XNDQ)	6.33	0.00	4.88	12.56	0.00	0		-643,748	-43.5805	676,036	44.9291	0	
Nasdaq PHLX (XPHL)	5.59	1.17	3.76	0.52	11.36	-1	-0.1840	706,761	58.1970	3,965	4.4467	-3,000	-0.2477
Nasdaq MRX (MCRY)	3.40	0.00	35.07	0.06	0.62	0		1,561,691	31.3945	12,561	28.4668	316,488	26.1753

## Material Aspects:

NYSE Arca Options (ARCO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

### Chicago Board Options Exchange (XCBO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

### CBOE C2 Exchange (C2OX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### MIAX Emerald Exchange (EMLD):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

### Cboe EDGX Options Exchange (EDGO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### Nasdaq ISE (XISX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### Nasdaq Options Market (XNDQ):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq PHLX (XPHL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### Nasdag MRX (MCRY):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

## March 2022

## S&P 500 Stocks

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
63.88	0.33	15.65	82.49	1.53

#### Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	60.88	1.71	7.12	71.83	33.50	-5	-1.2901	-114,857	-26.0130	458,841	26.5293	-38,655	-7.8892
New York Stock Exchange (XNYS)	13.40	0.00	2.91	14.55	61.84	0		-35,526	-21.4880	189,136	18.2748	-23,448	-6.8630
IBKR ATS (IATS)	6.08	0.00	38.09	0.15	0.00	0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	5.75	0.00	1.55	6.63	2.71	0		-36,510	-27.4511	15,181	24.8273	-214	-14.8072
MIAX PEARL Equities (EPRL)	2.61	0.00	1.10	2.95	0.00	0		-12,640	-26.2576	65,730	28.7339	0	
IEX (IEXD)	1.42	0.00	5.95	0.58	0.53	0		-9,772	-6.4243	-906	-3.2904	-10	-6.8047

### Material Aspects:

Nasdag Stock Market (XNAS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### New York Stock Exchange (XNYS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### IBKR ATS (IATS)

IBKR operates the IBKR ATS in accordance with SEC Regulation ATS. IBKR uses the IBKR ATS to execute IBKR ATS to execute IBKR ATS are faster, eliminate exchange fees, and may offer Price Improvement. Statistical information regarding the quality of executions for orders effected through the IBKR ATS (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: https://ibkr.com/regulatoryreports.

## CBOE EDGX Exchange (EDGX):

#### MIAX PEARL Equities (EPRL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### IEX (IEXD):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

## March 2022

## Non-S&P 500 Stocks

## Summary

	Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
1	70.90	0.30	24.96	72.30	2.44

#### Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	33.64	0.59	9.54	42.07	34.20	-60	-3.2955	-1,894,648	-25.8867	3,591,848	20.9377	-74,771	-6.8380
NYSE Arca (ARCX)	19.07	0.00	6.39	23.06	32.69	0		-1,355,746	-25.8467	1,137,025	25.1421	-35,801	-9.5919
New York Stock Exchange (XNYS)	12.19	0.00	2.36	15.15	26.73	0		-376,082	-24.5004	1,041,428	17.3249	-47,819	-6.7899
CBOE EDGX Exchange (EDGX)	9.45	0.00	2.85	12.03	1.67	0		-668,694	-24.3440	333,908	14.3850	-278	-10.0816
IBKR ATS (IATS)	5.33	0.00	20.76	0.21	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	2.31	0.00	7.36	0.65	0.37	0		-62,658	-6.4365	-5,347	-3.1904	-27	-7.6380
MIAX PEARL Equities (EPRL)	2.16	0.00	1.68	2.41	0.00	0		-227,000	-27.7047	544,524	28.8715	0	
HRT Execution Services LLC (HRTX)	1.71	0.00	6.85	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.56	0.00	6.24	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.43	0.00	5.75	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.29	0.00	1.48	1.25	0.48	0		8,902	0.9768	-1,723	-4.1828	-2	-7.1863

## Material Aspects:

Nasdaq Stock Market (XNAS):

#### NYSE Arca (ARCX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### New York Stock Exchange (XNYS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### CBOE EDGX Exchange (EDGX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### IBKR ATS (IATS):

IBKR operates the IBKR ATS in accordance with SEC Regulation ATS. IBKR uses the IBKR ATS to execute IBKR ATS to execute IBKR client orders against one or more professional liquidity providers who quote into the IBKR ATS. Order executions on the IBKR ATS are faster, eliminate exchange fees, and may offer Price Improvement. Statistical information regarding the quality of executions for orders effected through the IBKR ATS (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: https://ibkr.com/regulatoryreports

#### IEX (IEXD)

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### MIAX PEARL Equities (EPRL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

### CBOE BYX Exchange (BATY):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

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## March 2022

## **Options**

## Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
99.87	0.04	4.34	25.40	70.23

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Chicago Board Options Exchange (XCBO)	17.29	10.40	9.67	18.75	17.23	-565	-36.4317	1,305,730	71.7121	-253,474	-6.1189	-1,127,566	-29.3300
CBOE C2 Exchange (C2OX)	16.20	8.14	3.05	8.02	19.98	1,804	32.6988	-676,888	-41.7166	798,287	40.4233	836,503	29.3913
MIAX Emerald Exchange (EMLD)	14.76	6.47	2.01	11.64	16.68	553	49.7766	-110,179	-32.6531	1,806,120	52.3080	439,586	27.0263
Cboe EDGX Options Exchange (EDGO)	13.71	0.00	9.19	6.56	16.59	0		1,792,227	103.0543	536,371	13.0339	1,027,183	48.2926

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
NYSE Arca Options (ARCO)	11.40	34.32	6.21	32.33	4.14	1,955	19.6268	-680,420	-53.1943	3,034,778	53.7469	808,546	41.2937
Nasdaq ISE (XISX)	9.32	27.38	3.04	0.94	12.73	-665	-6.1414	-84,726	-12.8929	118,426	83.5254	583,240	35.3977
Nasdaq PHLX (XPHL)	8.27	1.23	3.71	0.46	11.37	-3	-2.2857	793,314	58.6881	3,883	3.7610	-2,143	-0.1632

Chicago Board Options Exchange (XCBO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### CBOE C2 Exchange (C2OX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### MIAX Emerald Exchange (EMLD):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### Choe EDGX Options Exchange (EDGO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### NYSE Arca Options (ARCO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

#### Nasdaq ISE (XISX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

## Nasdaq PHLX (XPHL):